

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	497	600/459.ccls. and cylind\$7	US-PGPUB; USPAT	OR	ON	2009/10/16 08:52
L2	589	(cylind\$7 with transducer) same (helical or spiral or groove)	US-PGPUB; USPAT	OR	ON	2009/10/16 08:53
S1	1	("20040158239").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/15 10:47
S2	2	11/754936	US-PGPUB; USPAT	OR	ON	2009/10/15 10:51
S3	1	11/754936 and (third with electrode)	US-PGPUB; USPAT	OR	ON	2009/10/15 10:53
S4	7	("20010041842"   "20020059708"   "3035126"   "4135109"   "5725494"   "5735811"   "6117101").PN.	US-PGPUB; USPAT	OR	ON	2009/10/15 14:04
S5	10	keidar-\$.in. and transducer	US-PGPUB; USPAT	OR	ON	2009/10/15 14:07
S6	57	("20020059708"   "20020136969"   "4135109"   "4449528"   "4522205"   "4569801"   "4641649"   "4662368"   "4672962"   "4673563"   "4676258"   "4790311"   "4807620"   "4898591"   "4938217"   "4998933"   "5035694"   "5078736"   "5104393"   "5178618"   "5190540"   "5226430"   "5292321"   "5295484"   "5348554"   "5423811"   "5427119"   "5449380"   "5487385"   "5497119"   "5505730"   "5545161"   "5545193"   "5549661"   "5558672"   "5562720"   "5564440"   "5569241"   "5575766"   "5575788"   "5575810"   "5582609"   "5590657"   "5617854"   "5658278"   "5687723"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/15 14:09

		"5688267"   "5697927"   "5702438"   "5722403"   "5769846"   "5855049"   "5938660"   "5971983"   "6012457"   "6024740"   "6117101").PN. OR ("7247269").URPN.				
S7	57	("20020059708"   "20020136969"   "4135109"   "4449528"   "4522205"   "4569801"   "4641649"   "4662368"   "4672962"   "4673563"   "4676258"   "4790311"   "4807620"   "4898591"   "4938217"   "4998933"   "5035694"   "5078736"   "5104393"   "5178618"   "5190540"   "5226430"   "5292321"   "5295484"   "5348554"   "5423811"   "5427119"   "5449380"   "5487385"   "5497119"   "5505730"   "5545161"   "5545193"   "5549661"   "5558672"   "5562720"   "5564440"   "5569241"   "5575766"   "5575788"   "5575810"   "5582609"   "5590657"   "5617854"   "5658278"   "5687723"   "5688267"   "5697927"   "5702438"   "5722403"   "5769846"   "5855049"   "5938660"   "5971983"   "6012457"   "6024740"   "6117101").PN. OR ("7247269").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/15 14:09
S8	15	("2543500"   "3168623"   "3238476"   "3284762"   "3718898"   "3939467"). PN. OR ("4135109"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/15 14:13
S9	382	transducer same (helical or spiral) same piezo\$	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/15 14:15
S10	1	((("4454441") or ("2001041880"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/10/15 14:24
S11	2	((("4454441") or ("20010041880"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/10/15 14:25

S12	589	(cylind\$7 with transducer) same (helical or spiral or groove)	US-PGPUB; USPAT	OR	ON	2009/10/15 14:29
-----	-----	--	--------------------	----	----	---------------------

**EAST Search History (I nterference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	126	(cylind\$7 and transducer and (spiral or helical or groove) and piezoelectric). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/16 08:54

**10/ 16/ 09 9:12:56 AM****C:\ Documents and Settings\ MPeffley\ My Documents\ EAST\ workspaces\ default.wsp**